



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

November 5, 2015

CALL NO. 302
CONTRACT ID NO. 151280
ADDENDUM # 1

Subject: Knox County, FD39 061 1487 000-001
Letting November 20, 2015

- (1) Revised - Plan Sheet - T1
- (2) Revised - Bid Items - Pages 139-142 of 142

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:ks
Enclosures



An Equal Opportunity Employer M/F/D

KYTC is to only construct pole bases, conduit, and junction boxes and all other items are to be constructed by other agencies according to approved permits.

ROADWAY LIGHTING ESTIMATE OF QUANTITIES

* FUTURE USE NOT TO BE BID

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716

TOTAL	UNITS	CODE	ITEM DESCRIPTION	CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716
8	EACH	4701	POLE 40' MTG HT *	
7	EACH	4720	BRACKET 4' *	
1	EACH	4725	BRACKET 15' *	
24	EACH	4740	POLE BASE	
8	EACH	4750	TRANSFORMER BASE *	
1	EACH	4760	POLE W/SECONDARY CONTROL EQUIP *	
16	EACH	4780	FUSED CONNECTOR KIT *	
3,117	LIN FT	3381	CONDUIT 2 INCH PVC	
3,117	LIN FT	4820	TRENCHING AND BACKFILLING	
1	LP SUM	4940	REMOVE LIGHTING	
13	EACH	2039INS835	ELECTRICAL JUNCTION BOX TYPE A	
428	LIN FT	21543EN	BORE AND JACK CONDUIT	

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716

SUBSECTION: REVISION:	03.02 LIGHTING STANDARD INSTALLATION. REPLACE ENTIRE FOURTH SENTENCE IN FIRST PARAGRAPH: IF ANY POLE NEEDS TO BE RELOCATED FROM STATIONS INDICATED, THE DIVISION OF TRAFFIC OPERATIONS SHALL BE CONTACTED.	SUBSECTION: REVISION:	04.04 POLE BASE. CHANGE THE SUBSECTION HEADING TO 716.04.04 POLE BASES AND DELETE THE PARAGRAPH. A. POLE BASE. THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE EXCAVATION, CONCRETE, CONDUITS, FITTINGS, GROUND RODS, GROUND WIRES, GROUND LUGS, REINFORCING STEEL, RESTORING DISTURBED AREAS TO THE SATISFACTION OF THE ENGINEER, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. B. POLE BASE HIGH MAST. THE DEPARTMENT WILL MEASURE THE QUANTITY IN CUBIC YARDS FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE EXCAVATION, CONCRETE, CONDUITS, FITTINGS, GROUND RODS, GROUND WIRES, GROUND LUGS, REINFORCING STEEL, RESTORING DISTURBED AREAS TO THE SATISFACTION OF THE ENGINEER, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.	SUBSECTION: REVISION:	4.18 REMOVE LIGHTING. REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY BY LUMP SUM. THE DEPARTMENT WILL NOT MEASURE BACKFILLING AND THE DISPOSAL OR TRANSPORTATION OF EQUIPMENT AND MATERIALS ASSOCIATED WITH ANY STRUCTURAL OR ELECTRICAL COMPONENT OF THE LIGHTING SYSTEM INCLUDING, BUT NOT LIMITED TO POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.
SUBSECTION: REVISION:	03.03 TRENCHING. REMOVE ENTIRE FOURTH SENTENCE IN FIRST PARAGRAPH: NO PAYMENT FOR ADDITIONAL JUNCTION BOXES FOR GREATER DEPTHS WILL BE ALLOWED.	SUBSECTION: REVISION:	04.06 TRANSFORMER BASE. REPLACE THE LAST SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE TRANSFORMER DOOR, GROUND LUG, ANCHORING BOLTS, NUTS, WASHERS, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE FILLING OF ANY UNUSED HOLES WILL ALSO BE CONSIDERED INCIDENTAL TO THIS ITEM OF WORK.	SUBSECTION: REVISION:	04.19 REMOVE POLE BASE. REMOVE ENTIRE NOTE AND BID ITEM.
SUBSECTION: REVISION:	03.04 CONDUIT INSTALLATION. ADD THE FOLLOWING TO THE PART TO THE SUBSECTION: G) BORE AND JACK. CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SUBSECTIONS 706.03.02, PARAGRAPHS 1, 2 AND 4.	SUBSECTION: REVISION:	04.07 POLE WITH SECONDARY EQUIPMENT. REPLACE THE HEADING WITH THE FOLLOWING: 716.04.07 POLE WITH SECONDARY CONTROL EQUIPMENT. REPLACE THE SECOND AND THIRD SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE MOUNTING THE CABINET TO THE POLE, BACKFILLING, RESTORATION, ANY NECESSARY HARDWARE TO ANCHOR POLE, ELECTRICAL INSPECTION FEES, AND REQUIRED BUILDING FEES INVOLVING UTILITY SECONDARY, AND PRIMARY SERVICE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL ALSO NOT MEASURE FURNISHING AND INSTALLING ELECTRICAL SERVICE CONDUCTORS, SPECIFIED CONDUITS, METER BASE, TRANSFORMER, SERVICE PANEL, FUSED CUTOUT, FUSES, LIGHTING ARRESTORS, PHOTOELECTRICAL CONTROL, CIRCUIT BREAKER, CONTACTOR, MANUAL SWITCH, GROUND RODS, GROUND LUGS, AND GROUND WIRES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE FILLING OF UNUSED HOLES WILL ALSO BE CONSIDERED INCIDENTAL TO THIS ITEM OF WORK.	SUBSECTION: REVISION:	04.20 BORE AND JACK CONDUIT. RENUMBER SUBSECTION TO 716.04.19 BORE AND JACK CONDUIT. REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY IN LINEAR FEET. THIS ITEM SHALL INCLUDE ALL WORK NECESSARY FOR BORING AND INSTALLING CONDUIT UNDER AN EXISTING ROADWAY.
SUBSECTION: REVISION:	03.10 JUNCTION BOXES. REPLACE SUBSECTION TITLE WITH THE FOLLOWING: ELECTRICAL JUNCTION BOX AND REPLACE THE LAST SENTENCE OF THE PARAGRAPH WITH THE FOLLOWING: ANY ADDITIONAL JUNCTION BOXES SHALL BE APPROVED BY THE ENGINEER.	SUBSECTION: REVISION:	04.09 LUMINAIRE. REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE LAMPS, STARTERS, BALLASTS, DRIVERS, SURGE PROTECTION, DIMMING MODULES, PHOTO-CONTROL RECEPTACLE, SPECIFIED SHIELDING (IF REQUIRED), AND ANY ADJUSTMENTS NECESSARY TO PROVIDE THE DESIRED LIGHTING PATTERN FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.		THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 716 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPIRAL REINFORCEMENT SPLICING
SUBSECTION: REVISION:	03.13 TEMPORARY LIGHTING. CHANGE SUBSECTION HEADING TO THE FOLLOWING: 716.03.13 TEMPORARY/MAINTAIN LIGHTING. REPLACE THE ENTIRE SECTION WITH THE FOLLOWING: THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS NECESSARY TO TEMPORARILY LIGHT THE PROPOSED ROADWAY TO DESIGN STANDARDS IN SUBSECTION 716.03. THE CONTRACTOR SHALL SUBMIT HIS PROPOSED DESIGN OF TEMPORARY LIGHTING TO THE DIVISION OF TRAFFIC OPERATIONS FOR APPROVAL AT LEAST 30 DAYS BEFORE INSTALLATION. MAINTAIN ALL LIGHTING ELEMENTS IMPACTED WITHIN OR OUTSIDE THE PROJECT LIMITS UNTIL NEW LIGHTING ELEMENTS ARE INSTALLED AND A FUNCTIONAL INSPECTION HAS BEEN PERFORMED ON THE NEW LIGHTING ELEMENTS. THE CONTRACTOR SHALL SUBMIT A PROPOSED DESIGN FOR MAINTAINING LIGHTING TO THE DIVISION OF TRAFFIC OPERATIONS FOR APPROVAL AT LEAST 30 DAYS BEFORE INSTALLATION.	SUBSECTION: REVISION:	04.10 FUSED CONNECTOR KITS. REPLACE THE HEADING WITH THE FOLLOWING: 716.04.10 FUSE CONNECTOR KITS. REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE FUSES/LUGS FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.		THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS. SUBMISSIONS OF A BID WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.
SUBSECTION: REVISION:	03.14 REMOVE LIGHTING. REPLACE ENTIRE NOTE WITH THE FOLLOWING: REMOVE ALL LIGHTING EQUIPMENT THAT IS IDENTIFIED BY THE ENGINEER AS NO LONGER NECESSARY INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES. POLE BASES SHALL BE REMOVED A MINIMUM OF ONE FOOT BELOW FINISHED GRADE BY CHIPPING OFF OR OTHER METHOD THAT IS APPROVED BY THE ENGINEER. DISPOSE OF ALL REMOVED CONCRETE OFF RIGHT-OF-WAY. WOOD POLES SHALL BE REMOVED A MINIMUM OF ONE FOOT BELOW FINISHED GRADE. BACKFILL HOLES WITH MATERIAL APPROVED BY THE ENGINEER. CONDUIT MAY BE ABANDONED IN THE GROUND. ALL MATERIALS SHALL BE REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER. TRANSFORMERS NOT OWNED BY UTILITY SHALL BE TESTED FOR PCB'S AND DISPOSED OF IN ACCORDANCE WITH STATE REGULATIONS.	SUBSECTION: REVISION:	04.11 CONDUITS. REPLACE THE SECOND SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE INSTALLATION IN GROUND OR ON STRUCTURES, CONDUIT FITTINGS, TEST PLUGS, EXPANSION JOINTS WITH BONDING STRAPS, GROUNDING LUGS, DRILL ANCHORS, CLAMPS, AND ANY ADDITIONAL HARDWARE REQUIRED FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.		
SUBSECTION: REVISION:	04.01 POLES. REPLACE THE LAST SENTENCE OF THE SUBSECTION WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE ANCHOR BOLTS, WASHERS, NUTS, ANCHOR BOLT COVERS, GROUND LUGS, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.	SUBSECTION: REVISION:	04.13 ELECTRICAL JUNCTION BOX TYPE VARIOUS. REPLACE THE SECTION WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE ADDITIONAL JUNCTION BOXES FOR GREATER DEPTHS THAN THOSE IDENTIFIED IN PLANS, #57 AGGREGATE, BACKFILLING, RESTORATION OF DISTURBED AREAS TO THE SATISFACTION OF THE ENGINEER, GEOTEXTILE FILTER FABRIC, CONCRETE, HOT DIPPED GALVANIZED COVER, STAINLESS STEEL SCREWS, RUBBER GASKET, AND ANY ASSOCIATED HARDWARE FOR PAYMENT , AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.	SUBSECTION: REVISION:	04.13 PART A JUNCTION ELECTRICAL. DELETE PART A.
SUBSECTION: REVISION:	04.03 BRACKET. REPLACE THE SECOND SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE ANY ASSOCIATED HARDWARE NEEDED FOR ATTACHING THE BRACKET TO THE POLE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.	SUBSECTION: REVISION:	04.14 TRENCHING AND BACKFILLING. REPLACE THE SECTION WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY IN LINEAR FEET. THE DEPARTMENT WILL NOT MEASURE EXCAVATION, BACKFILLING, UNDERGROUND UTILITY WARNING TAPE (IF REQUIRED), AND THE RESTORATION OF DISTURBED AREAS TO ORIGINAL CONDITION FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.		
SUBSECTION: REVISION:	04.03 BRACKET. REPLACE THE SECOND SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE ANY ASSOCIATED HARDWARE NEEDED FOR ATTACHING THE BRACKET TO THE POLE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.	SUBSECTION: REVISION:	04.15 WIRE OR CABLE. REPLACE THE SECTION WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY IN LINEAR FEET FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE INSTALLATION WITHIN CONDUIT, SPLICE BOOTS, AND ANY OTHER HARDWARE REQUIRED FOR INSTALLING CABLE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.		

FILE NAME: G:\USERS\TED.SWANSEGOR\DESKTOP\NEWFOLDER10\NEWFOLDER10\0000SU.DGN
 USER: ted.swansegor
 DATE PLOTTED: October 27, 2015
 E-SHEET NAME: 00000SU
 MicroStation v8.11.7.443

DESIGNED BY: TAS
DATE SUBMITTED: 9/16/2015
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY OF KNOX
PROJECT NUMBER: FD39 061 1487 000-001
ROADWAY LIGHTING ESTIMATES OF QUANTITIES

KYTC is to only construct pole bases, conduit, and junction boxes and all other items are to be constructed by other agencies according to approved permits.

ROADWAY LIGHTING ESTIMATE OF QUANTITIES

* FUTURE USE NOT TO BE BID

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716

TOTAL	UNITS	CODE	ITEM DESCRIPTION
8	EACH	4701	POLE 40' MTG HT *
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1	EACH	4725	BRACKET 15' *
24	EACH	4740	POLE BASE
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16	EACH	4780	FUSED CONNECTOR KIT *
3,117	LIN FT	3381	CONDUIT 2 INCH PVC
3,117	LIN FT	4820	TRENCHING AND BACKFILLING
1	LP SUM	4940	REMOVE LIGHTING
13	EACH	2039INS835	ELECTRICAL JUNCTION BOX TYPE A
428	LIN FT	21543EN	BORE AND JACK CONDUIT

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716

SUBSECTION: 04.04 POLE BASE.
REVISION: CHANGE THE SUBSECTION HEADING TO 716.04.04 POLE BASES AND DELETE THE PARAGRAPH.
A. POLE BASE.
THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE EXCAVATION, CONCRETE, CONDUITS, FITTINGS, GROUND RODS, GROUND WIRES, GROUND LUGS, REINFORCING STEEL, RESTORING DISTURBED AREAS TO THE SATISFACTION OF THE ENGINEER, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.
B. POLE BASE HIGH MAST.
THE DEPARTMENT WILL MEASURE THE QUANTITY IN CUBIC YARDS FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE EXCAVATION, CONCRETE, CONDUITS, FITTINGS, GROUND RODS, GROUND WIRES, GROUND LUGS, REINFORCING STEEL, RESTORING DISTURBED AREAS TO THE SATISFACTION OF THE ENGINEER, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 4.18 REMOVE LIGHTING.
REVISION: REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY BY LUMP SUM. THE DEPARTMENT WILL NOT MEASURE BACKFILLING AND THE DISPOSAL OR TRANSPORTATION OF EQUIPMENT AND MATERIALS ASSOCIATED WITH ANY STRUCTURAL OR ELECTRICAL COMPONENT OF THE LIGHTING SYSTEM INCLUDING, BUT NOT LIMITED TO POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.19 REMOVE POLE BASE.
REVISION: REMOVE ENTIRE NOTE AND BID ITEM.

SUBSECTION: 04.20 BORE AND JACK CONDUIT.
REVISION: RENUMBER SUBSECTION TO 716.04.19 BORE AND JACK CONDUIT. REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY IN LINEAR FEET. THIS ITEM SHALL INCLUDE ALL WORK NECESSARY FOR BORING AND INSTALLING CONDUIT UNDER AN EXISTING ROADWAY.

SUBSECTION: 04.06 TRANSFORMER BASE.
REVISION: REPLACE THE LAST SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE TRANSFORMER DOOR, GROUND LUG, ANCHORING BOLTS, NUTS, WASHERS, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE FILLING OF ANY UNUSED HOLES WILL ALSO BE CONSIDERED INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.07 POLE WITH SECONDARY EQUIPMENT.
REVISION: REPLACE THE HEADING WITH THE FOLLOWING: 716.04.07 POLE WITH SECONDARY CONTROL EQUIPMENT. REPLACE THE SECOND AND THIRD SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE MOUNTING THE CABINET TO THE POLE, BACKFILLING, RESTORATION, ANY NECESSARY HARDWARE TO ANCHOR POLE, ELECTRICAL INSPECTION FEES, AND REQUIRED BUILDING FEES INVOLVING UTILITY SECONDARY, AND PRIMARY SERVICE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL ALSO NOT MEASURE FURNISHING AND INSTALLING ELECTRICAL SERVICE CONDUCTORS, SPECIFIED CONDUITS, METER BASE, TRANSFORMER, SERVICE PANEL, FUSED CUTOUT, FUSES, LIGHTING ARRESTORS, PHOTOELECTRICAL CONTROL, CIRCUIT BREAKER, CONTACTOR, MANUAL SWITCH, GROUND RODS, GROUND LUGS, AND GROUND WIRES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE FILLING OF UNUSED HOLES WILL ALSO BE CONSIDERED INCIDENTAL TO THIS ITEM OF WORK.

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 716 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPIRAL REINFORCEMENT SPLICING

THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS. SUBMISSIONS OF A BID WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.

SUBSECTION: 04.09 LUMINAIRE.
REVISION: REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE LAMPS, STARTERS, BALLASTS, DRIVERS, SURGE PROTECTION, DIMMING MODULES, PHOTO-CONTROL RECEPTACLE, SPECIFIED SHIELDING (IF REQUIRED), AND ANY ADJUSTMENTS NECESSARY TO PROVIDE THE DESIRED LIGHTING PATTERN FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.10 FUSED CONNECTOR KITS.
REVISION: REPLACE THE HEADING WITH THE FOLLOWING: 716.04.10 FUSE CONNECTOR KITS. REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE FUSES/LUGS FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.11 CONDUITS.
REVISION: REPLACE THE SECOND SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE INSTALLATION IN GROUND OR ON STRUCTURES, CONDUIT FITTINGS, TEST PLUGS, EXPANSION JOINTS WITH BONDING STRAPS, GROUNDING LUGS, DRILL ANCHORS, CLAMPS, AND ANY ADDITIONAL HARDWARE REQUIRED FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.13 ELECTRICAL JUNCTION BOX TYPE VARIOUS.
REVISION: REPLACE THE SECTION WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE ADDITIONAL JUNCTION BOXES FOR GREATER DEPTHS THAN THOSE IDENTIFIED IN PLANS, #57 AGGREGATE, BACKFILLING, RESTORATION OF DISTURBED AREAS TO THE SATISFACTION OF THE ENGINEER, GEOTEXTILE FILTER FABRIC, CONCRETE, HOT DIPPED GALVANIZED COVER, STAINLESS STEEL SCREWS, RUBBER GASKET, AND ANY ASSOCIATED HARDWARE FOR PAYMENT , AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.13 PART A JUNCTION ELECTRICAL. DELETE PART A.

SUBSECTION: 04.14 TRENCHING AND BACKFILLING.
REVISION: REPLACE THE SECTION WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY IN LINEAR FEET. THE DEPARTMENT WILL NOT MEASURE EXCAVATION, BACKFILLING, UNDERGROUND UTILITY WARNING TAPE (IF REQUIRED), AND THE RESTORATION OF DISTURBED AREAS TO ORIGINAL CONDITION FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.15 WIRE OR CABLE.
REVISION: REPLACE THE SECTION WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY IN LINEAR FEET FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE INSTALLATION WITHIN CONDUIT, SPLICE BOOTS, AND ANY OTHER HARDWARE REQUIRED FOR INSTALLING CABLE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716

SUBSECTION: 03.02 LIGHTING STANDARD INSTALLATION.
REVISION: REPLACE ENTIRE FOURTH SENTENCE IN FIRST PARAGRAPH: IF ANY POLE NEEDS TO BE RELOCATED FROM STATIONS INDICATED, THE DIVISION OF TRAFFIC OPERATIONS SHALL BE CONTACTED.

SUBSECTION: 03.03 TRENCHING.
REVISION: REMOVE ENTIRE FOURTH SENTENCE IN FIRST PARAGRAPH: NO PAYMENT FOR ADDITIONAL JUNCTION BOXES FOR GREATER DEPTHS WILL BE ALLOWED.

SUBSECTION: 03.04 CONDUIT INSTALLATION.
REVISION: ADD THE FOLLOWING TO THE PART TO THE SUBSECTION: G) BORE AND JACK. CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SUBSECTIONS 706.03.02, PARAGRAPHS 1, 2 AND 4.

SUBSECTION: 03.10 JUNCTION BOXES.
REVISION: REPLACE SUBSECTION TITLE WITH THE FOLLOWING: ELECTRICAL JUNCTION BOX AND REPLACE THE LAST SENTENCE OF THE PARAGRAPH WITH THE FOLLOWING: ANY ADDITIONAL JUNCTION BOXES SHALL BE APPROVED BY THE ENGINEER.

SUBSECTION: 03.13 TEMPORARY LIGHTING.
REVISION: CHANGE SUBSECTION HEADING TO THE FOLLOWING: 716.03.13 TEMPORARY/MAINTAIN LIGHTING. REPLACE THE ENTIRE SECTION WITH THE FOLLOWING: THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS NECESSARY TO TEMPORARILY LIGHT THE PROPOSED ROADWAY TO DESIGN STANDARDS IN SUBSECTION 716.03. THE CONTRACTOR SHALL SUBMIT HIS PROPOSED DESIGN OF TEMPORARY LIGHTING TO THE DIVISION OF TRAFFIC OPERATIONS FOR APPROVAL AT LEAST 30 DAYS BEFORE INSTALLATION. MAINTAIN ALL LIGHTING ELEMENTS IMPACTED WITHIN OR OUTSIDE THE PROJECT LIMITS UNTIL NEW LIGHTING ELEMENTS ARE INSTALLED AND A FUNCTIONAL INSPECTION HAS BEEN PERFORMED ON THE NEW LIGHTING ELEMENTS. THE CONTRACTOR SHALL SUBMIT A PROPOSED DESIGN FOR MAINTAINING LIGHTING TO THE DIVISION OF TRAFFIC OPERATIONS FOR APPROVAL AT LEAST 30 DAYS BEFORE INSTALLATION.

SUBSECTION: 03.14 REMOVE LIGHTING.
REVISION: REPLACE ENTIRE NOTE WITH THE FOLLOWING: REMOVE ALL LIGHTING EQUIPMENT THAT IS IDENTIFIED BY THE ENGINEER AS NO LONGER NECESSARY INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES. POLE BASES SHALL BE REMOVED A MINIMUM OF ONE FOOT BELOW FINISHED GRADE BY CHIPPING OFF OR OTHER METHOD THAT IS APPROVED BY THE ENGINEER. DISPOSE OF ALL REMOVED CONCRETE OFF RIGHT-OF-WAY. WOOD POLES SHALL BE REMOVED A MINIMUM OF ONE FOOT BELOW FINISHED GRADE. BACKFILL HOLES WITH MATERIAL APPROVED BY THE ENGINEER. CONDUIT MAY BE ABANDONED IN THE GROUND. ALL MATERIALS SHALL BE REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER. TRANSFORMERS NOT OWNED BY UTILITY SHALL BE TESTED FOR PCB'S AND DISPOSED OF IN ACCORDANCE WITH STATE REGULATIONS.

SUBSECTION: 04.01 POLES.
REVISION: REPLACE THE LAST SENTENCE OF THE SUBSECTION WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE ANCHOR BOLTS, WASHERS, NUTS, ANCHOR BOLT COVERS, GROUND LUGS, AND ANY ASSOCIATED HARDWARE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.03 BRACKET.
REVISION: REPLACE THE SECOND SENTENCE WITH THE FOLLOWING: THE DEPARTMENT WILL NOT MEASURE ANY ASSOCIATED HARDWARE NEEDED FOR ATTACHING THE BRACKET TO THE POLE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

FILE NAME: G:\USERS\TED.SWANSEGOR\DESKTOP\NEWFOLDER10\NEWFOLDER10\00000001.DGN
 USER: ted.swansegor
 DATE PLOTTED: October 27, 2015
 E-SHEET NAME: 00000001
 MicroStation v8.11.7.443
 8-5-2015

DESIGNED BY: TAS
DATE SUBMITTED: 9/16/2015
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY OF KNOX
PROJECT NUMBER: FD39 061 1487 000-001
ROADWAY LIGHTING ESTIMATES OF QUANTITIES

PROPOSAL BID ITEMS

151280

Report Date 11/5/15

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	3,654.00	TON		\$	
0020	00020		TRAFFIC BOUND BASE	200.00	TON		\$	
0030	00078		CRUSHED AGGREGATE SIZE NO 2	6,997.00	TON		\$	
0040	00212		CL2 ASPH BASE 1.00D PG64-22	3,268.00	TON		\$	
0050	00301		CL2 ASPH SURF 0.38D PG64-22	927.00	TON		\$	
0060	02101		CEM CONC ENT PAVEMENT-8 IN	359.00	SQYD		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0070	01005		PERFORATED PIPE EDGE DRAIN-4 IN	3,574.00	LF		\$	
0080	01010		NON-PERFORATED PIPE-4 IN	35.00	LF		\$	
0090	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0100	01740		CORED HOLE DRAINAGE BOX CON-4 IN	34.00	EACH		\$	
0110	01741		CORED HOLE DRAINAGE BOX CON-6 IN	1.00	EACH		\$	
0120	01810		STANDARD CURB AND GUTTER	3,106.10	LF		\$	
0130	01890		ISLAND HEADER CURB TYPE 1	1,076.00	LF		\$	
0140	01891		ISLAND HEADER CURB TYPE 2	92.00	LF		\$	
0150	02014		BARRICADE-TYPE III	12.00	EACH		\$	
0160	02200		ROADWAY EXCAVATION	2,356.00	CUYD		\$	
0170	02242		WATER (FOR DUST CONTROL)	20.00	MGAL		\$	
0180	02429		RIGHT-OF-WAY MONUMENT TYPE 1	11.00	EACH		\$	
0190	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	3.00	EACH		\$	
0200	02432		WITNESS POST	14.00	EACH		\$	
0210	02545		CLEARING AND GRUBBING (APPROXIMATELY 2.34 ACRES))	1.00	LS		\$	
0220	02562		TEMPORARY SIGNS	433.00	SQFT		\$	
0230	02585		EDGE KEY	105.00	LF		\$	
0240	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0250	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0260	02677		ASPHALT PAVE MILLING & TEXTURING	2,970.00	TON		\$	
0270	02701		TEMP SILT FENCE	1,919.00	LF		\$	
0280	02703		SILT TRAP TYPE A	2.00	EACH		\$	
0290	02704		SILT TRAP TYPE B	2.00	EACH		\$	
0300	02705		SILT TRAP TYPE C	2.00	EACH		\$	
0310	02706		CLEAN SILT TRAP TYPE A	2.00	EACH		\$	
0320	02707		CLEAN SILT TRAP TYPE B	2.00	EACH		\$	
0330	02708		CLEAN SILT TRAP TYPE C	2.00	EACH		\$	
0340	02720		SIDEWALK-4 IN CONCRETE	2,068.00	SQYD		\$	
0350	02726		STAKING	1.00	LS		\$	
0360	05950		EROSION CONTROL BLANKET	1,040.00	SQYD		\$	
0370	05952		TEMP MULCH	6,700.00	SQYD		\$	
0380	05963		INITIAL FERTILIZER	.60	TON		\$	
0390	05964		20-10-10 FERTILIZER	.60	TON		\$	
0400	05985		SEEDING AND PROTECTION	874.00	SQYD		\$	
0410	05990		SODDING	5,132.00	SQYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0420	05992		AGRICULTURAL LIMESTONE	7.00	TON		\$	
0430	06510		PAVE STRIPING-TEMP PAINT-4 IN	12,500.00	LF		\$	
0440	06514		PAVE STRIPING-PERM PAINT-4 IN	3,097.00	LF		\$	
0450	06515		PAVE STRIPING-PERM PAINT-6 IN	6,050.00	LF		\$	
0460	06566		PAVE MARKING-THERMO X-WALK-12 IN	297.00	LF		\$	
0470	06568		PAVE MARKING-THERMO STOP BAR-24IN	151.00	LF		\$	
0480	06569		PAVE MARKING-THERMO CROSS-HATCH	2,551.00	SQFT		\$	
0490	06570		PAVE MARKING-PAINT CROSS-HATCH	654.00	SQFT		\$	
0500	06574		PAVE MARKING-THERMO CURV ARROW	29.00	EACH		\$	
0510	20206EC		PAVE MARK HANDICAP SYMBOL	5.00	EACH		\$	
0520	23055N		REMOVE (2-STORY BRICK BUILDING STA. 3+50 RT. 41.00')	1.00	LS		\$	
0530	23055N		REMOVE (2-STORY BLOCK BUILDING STA. 4+00 RT. 41.00')	1.00	LS		\$	
0540	23055N		REMOVE (2-STORY BLOCK BUILDING STA. 4+00 RT. 68.00')	1.00	LS		\$	
0550	23119EN		PEDESTRIAN SAFETY FENCE	36.00	LF		\$	
0560	23158ES505		DETECTABLE WARNINGS	270.00	SQFT		\$	
0570	24814EC		PIPELINE INSPECTION	4,030.00	LF		\$	

Section: 0003 - DRAINAGE - STORM SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0580	00521		STORM SEWER PIPE-15 IN	960.00	LF		\$	
0590	00522		STORM SEWER PIPE-18 IN	897.00	LF		\$	
0600	00524		STORM SEWER PIPE-24 IN	1,139.00	LF		\$	
0610	00525		STORM SEWER PIPE-27 IN	260.00	LF		\$	
0620	00526		STORM SEWER PIPE-30 IN	331.00	LF		\$	
0630	00528		STORM SEWER PIPE-36 IN	443.00	LF		\$	
0640	01011		NON-PERFORATED PIPE-6 IN	26.50	LF		\$	
0650	01212		PIPE CULVERT HEADWALL-36 IN	1.00	EACH		\$	
0660	01456		CURB BOX INLET TYPE A	35.00	EACH		\$	
0670	01559		DROP BOX INLET TYPE 13G	1.00	EACH		\$	
0680	01577		DROP BOX INLET TYPE 14	10.00	EACH		\$	
0690	01643		JUNCTION BOX-24 IN	4.00	EACH		\$	
0700	01644		JUNCTION BOX-30 IN	1.00	EACH		\$	
0710	01645		JUNCTION BOX-36 IN	1.00	EACH		\$	
0720	01647		JUNCTION BOX-48 IN	1.00	EACH		\$	
0730	02483		CHANNEL LINING CLASS II	.43	TON		\$	
0740	03385		PVC PIPE-6 IN	25.00	LF		\$	

Section: 0004 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0750	15023		S ENCASMENT STEEL OPEN CUT RANGE 4 (16-IN)	120.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0760	15060		S FORCE MAIN PVC 06 INCH	263.00	LF		\$	
0770	15074		S FORCE MAIN TIE-IN 06 INCH	2.00	EACH		\$	
0780	15092		S MANHOLE	12.00	EACH		\$	
0790	15093		S MANHOLE ABANDON/REMOVE	11.00	EACH		\$	
0800	15101		S MANHOLE WITH DROP (OUTSIDE)	1.00	EACH		\$	
0810	15112		S PIPE PVC 08 INCH (PVC GRAVITY SEWER)	1,451.00	LF		\$	
0820	15566		S LATERAL LONG SIDE 06 INCH INST	12.00	EACH		\$	
0830	15568		S LATERAL SHORT SIDE 06 INCH INST	14.00	EACH		\$	
0840	24518EC		CAP AND ABANDON (PLUG 8-IN SEWER LINE)	27.00	EACH		\$	
0850	24518EC		CAP AND ABANDON (PLUG 6-IN FORCE MAIN)	2.00	EACH		\$	

Section: 0005 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0860	03381		PVC PIPE-2 IN	3,117.00	LF		\$	
0870	04701		POLE 40 FT MTG HT	8.00	EACH		\$	
0880	04720		BRACKET 4 FT	7.00	EACH		\$	
0890	04725		BRACKET 15 FT	1.00	EACH		\$	
0900	04740		POLE BASE	24.00	EACH		\$	
0910	04750		TRANSFORMER BASE	8.00	EACH		\$	
0920	04760		POLE W/SECONDARY CONTROL EQUIP	1.00	EACH		\$	
0930	04780		FUSED CONNECTOR KIT	16.00	EACH		\$	
0940	04820		TRENCHING AND BACKFILLING	3,117.00	LF		\$	
0970	04940		REMOVE LIGHTING	1.00	LS		\$	
0980	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	13.00	EACH		\$	
0990	21543EN		BORE AND JACK CONDUIT	428.00	LF		\$	

Section: 0006 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1010	14003		W CAP EXISTING MAIN (& ABANDON)	10.00	EACH		\$	
1020	14014		W ENCASEMENT STEEL OPEN CUT RANGE 3 (12-IN)	145.00	LF		\$	
1030	14019		W FIRE HYDRANT ASSEMBLY	1.00	EACH		\$	
1040	14021		W FIRE HYDRANT REMOVE (EXISTING)	1.00	EACH		\$	
1050	14028		W METER 3/4 INCH (CONSTRUCT WATER SERVICE SETTING)	21.00	EACH		\$	
1060	14056		W PIPE PVC 02 INCH	10.00	LF		\$	
1070	14059		W PIPE PVC 06 INCH	2,329.00	LF		\$	
1080	14060		W PIPE PVC 08 INCH	211.00	LF		\$	
1090	14089		W TAPPING SLEEVE AND VALVE SIZE 1 (TIE TO EXISTING 8-IN WET TAP)	1.00	EACH		\$	
1100	14091		W TIE-IN 02 INCH (EXISTING, DRY TIE)	9.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1110	14094		W TIE-IN 06 INCH (EXISTING, DRY TIE)	9.00	EACH		\$	
1120	14102		W VALVE 02 INCH	1.00	EACH		\$	
1130	14105		W VALVE 06 INCH	11.00	EACH		\$	
1140	21346ND		WATER SERVICE RECONNECT-3/4 IN-1 IN	21.00	EACH		\$	
1150	24030EC		REMOVE VALVE (EXISTING GATE VALVE)	12.00	EACH		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1160	02568		MOBILIZATION	1.00	LS		\$	
1170	02569		DEMOBILIZATION	1.00	LS		\$	